

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	09/881,502-Conf. #7769	
			Filing Date	June 14, 2001	
			First Named Inventor	Eric J. Horvitz	
			Art Unit	2174	
			Examiner Name	P. Ke	
Sheet	1	of	9	Attorney Docket Number	M1103.70793US00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1*	US-D494,584	08-17-2004	Schlieffers et al.	
	A2*	US-7,385,501	06-10-2008	Miller et al.	
	A3*	US-7,209,955	04-24-2007	Major et al.	
	A4*	US-7,195,157	03-27-2007	Swartz et al.	
	A5*	US-7,171,378	01-30-2007	Petrovich et al.	
	A6*	US-7,155,729	12-26-2006	Andrew et al.	
	A7*	US-7,139,718	11-21-2006	Jeyachandran et al.	
	A8*	US-7,073,129	07-04-2006	Roberts et al.	
	A9*	US-7,069,309	06-27-2006	Dodrill et al.	
	A10*	US-7,063,263	06-20-2006	Swartz et al.	
	A11*	US-7,040,541	05-09-2006	Swartz et al.	
	A12*	US-7,016,944	03-21-2006	Meyer et al.	
	A13*	US-7,010,501	03-07-2006	Roslak et al.	
	A14*	US-6,965,917	11-15-2005	Aloni et al.	
	A15*	US-6,837,436	01-04-2005	Swartz et al.	
	A16*	US-6,829,639	12-07-2004	Lawson et al.	
	A17*	US-6,796,505	09-28-2004	Pellamail et al.	
	A18*	US-6,781,972	08-24-2004	Anderlind et al.	
	A19*	US-6,757,362	06-29-2004	Cooper et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† <sup>5</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>2</sup> (if known)	MM-DD-YYYY			
	B1	EP-0375138-A2	06-27-1990	Ibm		
	B2	EP-0905633-A2	03-31-1999	Sharp Kk		
	B3	EP-1022670-A2	07-26-2000	Pitney Bowes Ltd		
	B4	GB-2353679-A	02-28-2001	Ibm		
	B5	WO-0051040-A1	08-31-2000	Koninkl Kpn Nv et al.		
	B6	WO-0101264-A1	01-04-2001	Cellmania Com Inc		

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	A20*	US-6,741,188	05-25-2004	Miller et al.	
	A21*	US-6,714,967	03-30-2004	Horvitz	
	A22*	US-6,672,506	01-06-2004	Swartz et al.	
	A23*	US-6,650,902	11-18-2003	Richton	
	A24*	US-6,622,160	09-16-2003	Horvitz	
	A25*	US-6,618,716	09-09-2003	Horvitz	
	A26*	US-6,593,943	07-15-2003	MacPhail	
	A27*	US-6,591,279	07-08-2003	Emens et al.	
	A28*	US-6,590,587	07-08-2003	Wichelman et al.	
	A29*	US-6,584,502	06-24-2003	Natarajan et al.	
	A30*	US-6,577,329	06-10-2003	Flickner et al.	
	A31*	US-6,563,514	05-13-2003	Samar	
	A32*	US-6,549,219	04-15-2003	Selker	
	A33*	US-6,542,868	04-01-2003	Badt et al.	
	A34*	US-6,499,021	12-24-2002	Abu-Hakima	
	A35*	US-6,480,207	11-12-2002	Bates et al.	
	A36*	US-6,463,471	10-08-2002	Dreke et al.	
	A37*	US-6,463,462	10-08-2002	Smith et al.	
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	B7	WO-0109753-A2	02-08-2001	Microsoft Corp	
	B8	WO-0158119-A2	08-09-2001	Envoy Worldwide Inc	
	B9	WO-0169532-A1	09-20-2001	Gen Electric	
	B10	WO-9800787-A1	01-08-1998	Datalink Systems Corp	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>					
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		Number-Kind Code* (If known)			
	A39*	US-6,456,307	09-24-2002	Bates et al.	
	A40*	US-6,438,618	08-20-2002	Lortz et al.	
	A41*	US-6,437,812	08-20-2002	Giles et al.	
	A42*	US-6,425,127	07-23-2002	Bates et al.	
	A43*	US-6,400,810	06-04-2002	Skidman et al.	
	A44*	US-6,374,289	04-16-2002	Delaney et al.	
	A45*	US-6,360,101	03-19-2002	Irvin	
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	A48*	US-6,337,699	01-08-2002	Nielsen	
	A49*	US-6,332,127	12-18-2001	Bandera et al.	
	A50*	US-6,327,581	12-04-2001	Platt	
	A51*	US-6,289,380	09-11-2001	Battat et al.	
	A52*	US-6,262,730	07-17-2001	Horvitz et al.	
	A53*	US-6,256,664	07-03-2001	Donoho et al.	
	A54*	US-6,199,106	03-06-2001	Shaw et al.	
	A55*	US-6,167,448	12-26-2000	Hemphill et al.	
	A56*	US-6,144,363	11-07-2000	Alloui et al.	
	A57*	US-6,094,681	07-25-2000	Shaffer et al.	

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A58*	US-6,078,568	06-20-2000	Wright et al.		
A59*	US-6,078,322	06-20-2000	Simonoff et al.		
A60*	US-6,067,565	05-23-2000	Horvitz		
A61*	US-6,067,477	05-23-2000	Wewalaarachchi et al.		
A62*	US-6,057,842	05-02-2000	Knowlton et al.		
A63*	US-6,055,505	04-25-2000	Elston		
A64*	US-6,021,403	02-01-2000	Horvitz et al.		
A65*	US-5,987,234	11-16-1999	Hirosawa et al.		
A66*	US-5,973,612	10-26-1999	Deo et al.		
A67*	US-5,864,848	01-26-1999	Horvitz et al.		
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A70*	US-5,784,124	07-21-1998	D'Alitalia et al.		
A71*	US-5,757,852	05-26-1998	Jericevic et al.		
A72*	US-5,751,965	05-12-1998	Mayo et al.		
A73*	US-5,742,905	04-21-1998	Pepe et al.		
A74*	US-5,736,974	04-07-1998	Selker		
A75*	US-5,717,877	02-10-1998	Orton et al.		
A76*	US-5,644,363	07-01-1997	Mead		

[illegible]Examiner  
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	A77*	US-5,615,325	03-25-1997	Peden	
	A78*	US-5,555,346	09-10-1996	Gross et al.	
	A79*	US-5,471,399	11-28-1995	Tanaka et al.	
	A80*	US-5,423,043	06-06-1995	Fitzpatrick et al.	
	A81*	US-4,789,962	12-06-1988	Berry et al.	
	A82*	US-2008-0161018	07-03-2008	Miller et al.	
	A83*	US-2008-0091537	04-17-2008	Miller et al.	
	A84*	US-2008-0090591	04-17-2008	Miller et al.	
	A85*	US-2007-0214228	09-13-2007	Horvitz et al.	
	A86*	US-2007-0011314	01-11-2007	Horvitz et al.	
	A87*	US-2006-0019676	01-26-2006	Miller et al.	
	A88*	US-2005-0272442	12-08-2005	Miller et al.	
	A89*	US-2005-0266858	12-01-2005	Miller et al.	
	A90*	US-2005-0050143	03-03-2005	Gusler et al.	
	A91*	US-2004-0201500	10-14-2004	Miller et al.	
	A92*	US-2004-0199663	10-07-2004	Horvitz et al.	
	A93*	US-2004-0143636	07-22-2004	Horvitz et al.	
	A94*	US-2004-0117443	06-17-2004	Barsness	
	A95*	US-2004-0098462	05-20-2004	Horvitz et al.	

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	C1	BREESE et al., "Empirical analysis of predictive algorithms for collaborative filtering", Proceedings of the 14th Conference on Uncertainty in AI, 1998 pg. 43-52, AUAI, Morgan Kaufmann, San Francisco	
	C2	CZERWINSKI et al., "Visualizing implicit queries for information management and retrieval", Proceedings of CHI'99, ACM SIGCHI Conf on Informational and Knowledge Management, 1999, pg. 560-567	
	C3	DUMAIS et al., "Inductive learning algorithms and representations for text categorization", Proceedings of 7th Intl Conf on Information and Knowledge Management, 1998, pgs148-155	
	C4	EP Search Report dated June 20, 2005 for EP 02025530	
	C5	HORVITZ et al., "Display of Information for time-critical decision making" Proceedings of the 11th Conference on uncertainty in AI, 1995, pg. 296-305, Montreal, Canada	
	C6	HORVITZ et al., "The Lumiere project: Bayesian user modeling for inferring the goals and needs of software users", Proceedings of the 14th conference on uncertainty in AI, 1998, pg. 256-265, Morgan Kaufmann, San Francisco	
	C7	HORVITZ, "Principles of mixed-initiative user interfaces" Proceedings of CHI'99, ACM SIGCHI Conf on Human Factors in Computing Systems, 1999, pgs. 159-166, Pittsburgh, PA	
	C8	HORVITZ, "Time dependant utility and action under uncertainty", Proceedings of the 7th Conference on Uncertainty in AI, LA, CA, 1991 pgs. 151-158, Morgan Kaufmann, San Francisco	
	C9	HORVITZ, "Time-critical action: Representations and Application", Proceedings of the 13th Conference on Uncertainty in AI(UAI-97), 1997, pgs.250-257, Providence, RI, Morgan Kaufmann, San Francisco	
	C10	International Search Report dated September 29, 2003 for International Application Serial No. PCT/US00/20685	
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	C11	JOACHIMS, "Text categorization with support vector machines: learning with many relevant features", Machine Learning, European Conference on Machine Learning, April 21, 1998, pp. 137-142	
	C12	KALAKOTA et al., "Mobile Agents and Mobile Workers", Proceedings of the European Conference on Machine Learning, April 21, 1998, pp. 137-142, Germany	
	C13	KOLLER et al., "Toward optimal feature selection", Proceedings of 13th conference on machine learning, 1998, pg. 284-293, Morgan Kaufmann, San Francisco	
	C14	KOZIEROK et al., "A Learning Interface Agent for Scheduled Meetings", february 2003, pp. 81-93	
	C15	LASHKARI et al., "Collaborative Interface Agents", Proceedings AAAI, National Conference on Artificial Intelligence, July 21, 1994, vol. 1, pp. 444-449	
	C16	LEE et al., "Learning and Predicting User Behavior for Particular Resource Use", Proceedings of the Florida Artificial Intelligence Research Symposium, May 21, 2001, pp. 177-181	
	C17	LEIBERMAN, "Letizia: An Agent that assists web browsing", Proceedings of IJCAI-95, 1995, 6 pgs, Montreal, Canada, Morgan Kaufmann, San Francisco	
	C18	LOKE et al., "Location-Based Personal Agents: A Metaphor for Situated Computing", Parallel Processing, 2000 International Workshops, August 21, 2000, pp. 17-19	
	C19	MACSKASSY et al., "EmailValet: Learning Email Preferences for Wireless Platforms", Rutgers University, user Modeling 1999 Workshop - Machine Learning for User Modeling, June 3, 1999, 4 pgs	
	C20	MCCRICKARD et al., "Attuning Notification Design to User Goals and Attention Costs" Communications of the ACM, ol. 46 Issue 3, pp. 67-72, 2003	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449/PTO  <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 10px 0;"><i>(Use as many sheets as necessary)</i></p>			<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td>09/881,502-Conf. #7769</td> </tr> <tr> <td>Filing Date</td> <td>June 14, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Eric J. Horvitz</td> </tr> <tr> <td>Art Unit</td> <td>2174</td> </tr> <tr> <td>Examiner Name</td> <td>P. Ke</td> </tr> <tr> <td>Attorney Docket Number</td> <td>M1103.70793US00</td> </tr> </table>		Application Number	09/881,502-Conf. #7769	Filing Date	June 14, 2001	First Named Inventor	Eric J. Horvitz	Art Unit	2174	Examiner Name	P. Ke	Attorney Docket Number	M1103.70793US00
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	C21	Partial European Search Report dated March 17, 2005 for EP Application No. 02025530, 3 pages	
	C22	PLATT, "Fast Training of Support Vector Machines Using Sequential Minimal Optimization", Advances in Kernel Methods, Support Vector Learning, 1999 pg. 41-65, MIT Press, Cambridge, MA.	
	C23	SAHAMI et al., "A Bayesian approach to filtering junk email" Workshop on learning for text categorizations, 1998, 8 pgs, AAI technical Report WS-98-05, AAAI	
	C24	SHELL et al., "Interacting with Groups of Computers", Communications of the ACM, Vol 46 Issue 3, pp. 40-46, 2003	
	C25	VAN DANTZICH et al., "Scope: Providing Awareness of Multiple Notifications at a Glance", Proceedings of AVI 2002, ACM Conference on Advanced Visual Interfaces, 2002, 11 pgs	
	C26	VERTEGAAL, "Designing Attentive Interfaces", Proceedings of the Symposium on ETRA 2002: Eye tracking research and applications symposium, pp. 23-30, 2002.	

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